

REMARKS

Applicant is in receipt of the Office Action mailed July 29, 2005. Claims 1-16 were rejected. Claims 1-4, 6, 7, 9-12, 14, 15 have been amended. Claims 8 and 16 have been canceled. New claims 17-24 have been added. Claims 1-7, 9-15, and 17-24 are currently pending in the application. Reconsideration of the present case is earnestly requested in light of the following remarks.

Section 102 Rejection

Claims 1-16 were rejected under 35 U.S.C. 102(e) as being anticipated by Roach et. al, U.S. Patent No. 6,343,292 (hereinafter “Roach”). Applicant respectfully traverses this rejection.

Claim 1 has been amended to recite as follows:

1. (Currently Amended) A computer-implemented method for creating a graphical program that performs a numerical function, the method comprising:
displaying a node in a graphical program in response to user input, wherein the node is operable to perform a first numerical function;
configuring the node to receive data values, in response to user input;
configuring the node with criteria information in response to user input, wherein the criteria information indicates that the first numerical function is to be performed on a subset, but not all, of the data values received by the node;
executing the graphical program;
the node receiving a plurality of data values during execution of the graphical program, wherein the node maintains state information regarding the received data values;
the node determining a first data collection on which to perform the first numerical function based on the criteria information and the state information, wherein the first data collection comprises a subset, but not all, of the plurality of data values received; and
the node performing the first numerical function on the first data collection.

Applicant respectfully submits that Roach does not teach the limitations recited in claim 1. More specifically, Roach does not teach, “configuring the node with criteria information in response to user input, wherein the criteria information indicates that the first numerical function is to be performed on a subset, but not all, of the data values

received by the node”, nor “the node receiving a plurality of data values during execution of the graphical program, wherein the node maintains state information regarding the received data values”, nor “the node determining a first data collection on which to perform the first numerical function based on the criteria information and the state information, wherein the first data collection comprises a subset, but not all, of the plurality of data values received”.

Applicant thus respectfully submits that claim 1, and the claims dependent thereon, are patentable over Roach. Inasmuch as independent claim 9 recites similar features as claim 1, Applicant submits that claim 9, and the claims dependent thereon, are also patentable over Roach. Applicant also submits that numerous ones of the dependent claims recite further distinctions over the cited art. However, since the independent claims have been shown to be patentably distinct, a further discussion of the dependent claims is not necessary at this time.

Applicant has also added new independent claims 20 and 22 which recite limitations not taught by Roach or other prior art.

CONCLUSION

In light of the foregoing amendments and remarks, Applicant submits the application is now in condition for allowance, and an early notice to that effect is requested.

If any extensions of time (under 37 C.F.R. § 1.136) are necessary to prevent the above referenced application(s) from becoming abandoned, Applicant(s) hereby petition for such extensions. If any fees are due, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert & Goetzel PC Deposit Account No. 50-1505/5150-48900/JCH.

Also enclosed herewith are the following items:

☒ Return Receipt Postcard

Respectfully submitted,



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Date: 10/21/2005 JCH/JLB